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## C-A OPERATIONS PROCEDURES MANUAL

### ATTACHMENT

#### 4.56.q SEB “LESB III North” Primary Cave Sweep Checklist

C-A-OPM Procedures in which this Attachment is used.		
4.56		

#### Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Approved: \_\_\_\_\_ **Signature On File** \_\_\_\_\_  
 Collider-Accelerator Department Chairman Date

P. Ingrassia

## SEB "LESB III North" PRIMARY CAVE SWEEP CHECKLIST

(Team Leader)\_\_\_\_\_

Time:\_\_\_\_\_ Date:\_\_\_\_\_

### **Warning:**

**If** any personnel are encountered during the sweep, **then** they will remain with the sweeper or the sweep shall be aborted. **If** the sweep is aborted **then** the person(s) must be escorted out of the cave by unlocking and opening the "LESB III North" Primary Target Cave Gate.

### **Prerequisites**

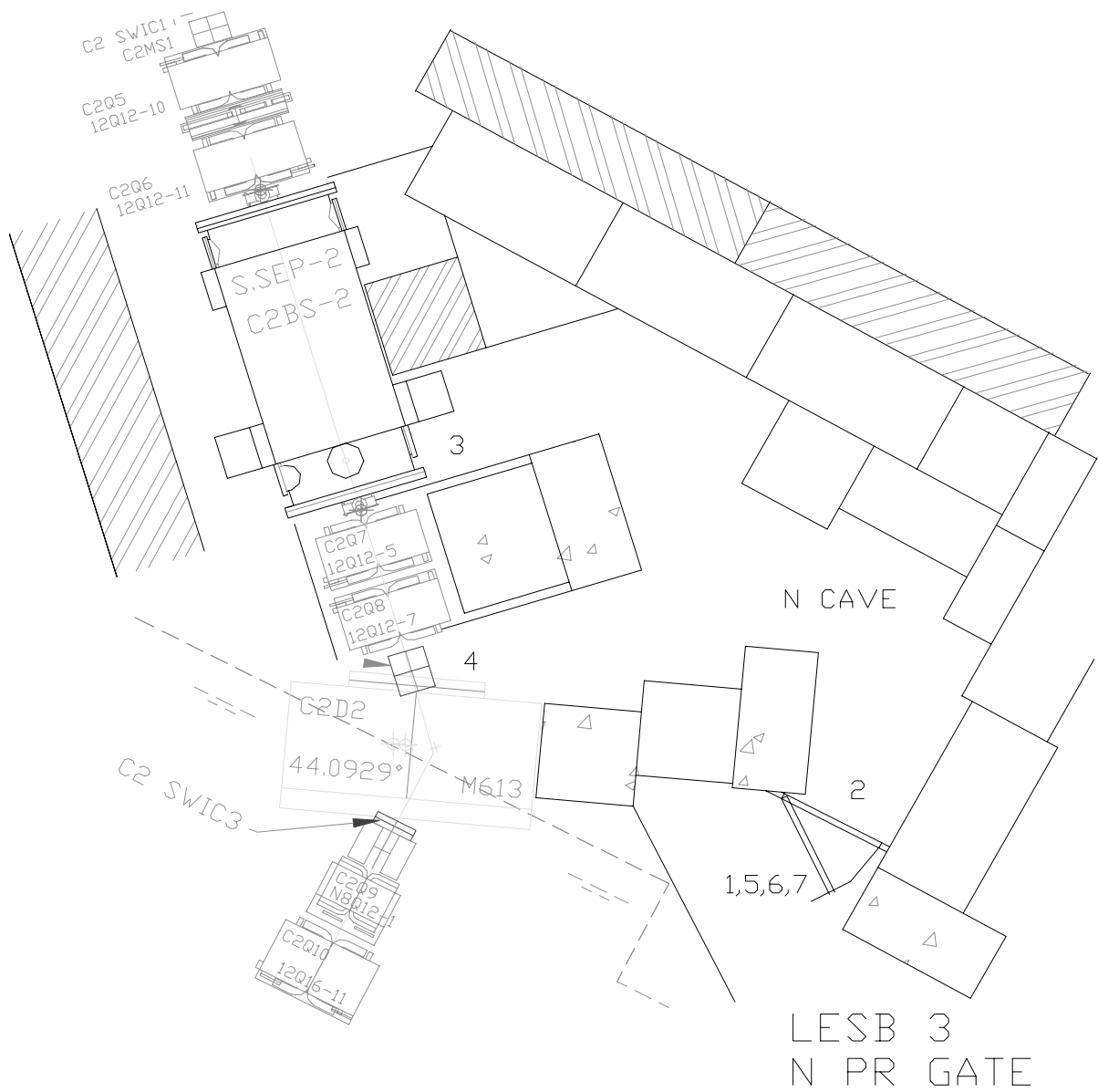
- One Operator to perform the sweep
- BNL keys Nos. H693, 15, AA256A
- C-A-OPM-ATT. 4.56.q SEB "LESB III North" Primary Cave Sweep Checklist (2 pages)  
"C" line set to Controlled Access by simultaneous operation of H693 key switch & MCR\_2-1N2 push-button
- TLD, Alarming (chirping) Self Reading Dosimeter (SRD) and Pencil Type (SRD)

### **Check**

- \_\_\_\_\_ 1. Verify with CAS that LESB III Separator is off and will not be cleared for turn-on until notified by you.
- \_\_\_\_\_ 2. Enter the LESB III North Gate (BNL 15 Key) and make certain that the fence barrier above the gate and the fence barrier underneath the magnet to your left is in place.
- \_\_\_\_\_ 3. Proceed to the upstream end of the cave and make certain that the barrier (metal screen) under the Separator is in place.
- \_\_\_\_\_ 4. Sweep back towards the gate and view the alcove of the C2D2 Magnet making certain that the barrier (metal screen) under the magnet is in place.
- \_\_\_\_\_ 5. Sweep out through the LESB III North Gate. Close and reset the gate (BNL 15 Key).
- \_\_\_\_\_ 6. Notify CAS that the LESB III Separator is cleared for turn-on only if both the LESB III South and LESB III North caves have been secured for beam.
- \_\_\_\_\_ 7. Verify with MCR that "LESB III North" is reset for beam by viewing indicator at MCR\_2-1N10
- \_\_\_\_\_ 8. File the checklists in the Completed Sweep Checklist Binder.

**SEE MAP, NEXT PAGE**

## SEB "LESB III North" PRIMARY CAVE SWEEP CHECKLIST



Numbers refer to steps in the checklist